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**Health Report**  
for the Year 1943.

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# ANNUAL REPORT

OF THE

## Medical Officer of Health

TO THE

## Clown Rural District Council

for the Year 1943.

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*Printed by Order of the Council.*

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A. H. WEAR, M.D., B.S., D.P.H., B.Hy.,  
Medical Officer of Health.

## STAFF.

Medical Officer of Health :

A. H. WEAR, M.D., B.S., D.P.H., B.Hy.

District Sanitary Inspector and Surveyor :

W. J. GALLAGHER, M.S.I.A., C.R.S.I.

Asst. Sanitary Inspector :

J. F. TURNER.

## PREFACE.

TO THE CHAIRMAN AND MEMBERS OF THE  
CLOWN RURAL DISTRICT COUNCIL.

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MR. CHAIRMAN, MRS. WOOD AND GENTLEMEN,

I have pleasure in submitting my Report on the Health and Sanitary conditions of your district for the year 1943.

Housing conditions continue to cause a good deal of anxiety and it is essential that the provision of new houses should be proceeded with at the earliest opportunity.

Apart from scabies and a large number of mild scarlet fever cases, the health of the district has remained extremely good.

May I take this opportunity of acknowledging with thanks the assistance received during the year from the Members and Officials of the Council.

I am,

Your obedient Servant,

A. H. WEAR,

Medical Officer of Health.

"Dale Close,"  
100, Chesterfield Road, South,  
Mansfield.

## STATISTICS OF THE AREA.

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Area (Acres)	...	...	...	...	13,436
Rateable value 1943	...	...	...	...	£73,207
Sum represented by a Penny-rate 1943			...		£279

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## SOCIAL CONDITIONS.

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As stated in previous reports, the social conditions are mainly industrial, the chief occupation of the inhabitants being coal mining and agriculture.

During 1943 the number of evacuees diminished still further, but, owing to the bringing back of ex-miners into the coal industry and other causes, the housing shortage still remains very difficult.

The Elm Tree, Amber House and Amber Vale Hostels still continue to do good service, although the number of evacuees staying in Elm Tree Hostel, which comes directly under my care, has been less than in previous years.



## CHIEF CAUSES OF INVALIDITY IN THE DISTRICT.

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Scabies continues to be the most common cause of invalidity in this area. There is no doubt that the disease has increased very considerably as the result of the war, and 612 cases, 290 adults and 322 children have received treatment.

There has been a slight increase in the number of cases of verminous heads amongst children. This is partly due to the fact that large numbers of mothers are on war work and have not the time to look after their little ones properly. This year 90 children have received treatment, 37 with verminous heads and 53 with nits. Also 2 adults with nits.

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## NUTRITION.

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Nutrition amongst school children is definitely higher than in pre-war days and is due largely to the provision of extra milk and mid-day meals. Another important factor is that there is practically no unemployment and generally speaking the wage level has increased sufficiently to counter balance the increased cost of living and consequently the great majority of families have more food purchasing power.

More infants and toddlers in this area are taking advantage of the vitamins provided for children under 5 years of age. An extension of the scheme has recently been made to Nursery Schools and Classes for children under 5.

In November a new drink—National Milk Cocoa—was introduced by the Ministry. It is manufactured particularly for the benefit of adolescent workers employed at factories or other industrial undertakings and is being sold at one penny per cup.

## VITAL STATISTICS.

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BIRTHS.	Total.	M.	F.	
Live Births :—				Birth-rate per 1,000 of the estimated resi- dent population 19.67
Legitimate	337	158	179	
Illegitimate	11	7	4	Rate per 1,000 total (live and still) births 33.3
Stillbirths ...	...	12	6	
				DEATHS.
	Total.	M.	F.	Death-rate per 1,000 of the estimated resident population 10.7
	191	115	76	

Deaths from puerperal causes (Headings 29 and 30 of the Registrar-General's Short List) :—

		Deaths	Rate per 1,000 total (live and still) births
No. 29	Puerperal Sepsis	...	—
No. 30	Other puerperal causes	3	8.3
		—	—
	Total	...	8.3

### DEATH-RATE OF INFANTS UNDER ONE YEAR OF AGE :—

All infants per 1,000 live births	...	...	48.8
Legitimate infants per 1,000 legitimate live births			41.5
Illegitimate infants per 1,000 illegitimate live births			272.7

### Deaths from :—

Measles (all ages)	...	...	...	I
Whooping Cough (all ages)	...	...	...	—
Diarrhoea (under two years of age)	...	...	...	—
Cancer (all ages)	...	...	...	27

## **Birth-rate, Death-rate and Analysis of Mortality during the year 1943.**

	Birth Rate per 1,000 Total Population	ANNUAL DEATH-RATE PER 1,000 POPULATION							Rate per 1000 Live Births
		All causes	Enteric Fever	Small-Pox	Measles	Scarlet FEVER	Whooping-Cough	Influenza	
England and Wales ... ...	16.5	0.5	12.1	0.00	—	0.02	0.00	0.03	0.37
125 County Boroughs & Great Towns, including London ...	18.6	0.63	14.2	0.00	—	0.02	0.00	0.03	0.35
148 Smaller Towns (1931 adjusted Populations 20,000—50,000)	19.4	0.61	12.7	0.00	—	0.02	0.00	0.03	0.37
London ... ...	15.8	0.45	15.0	0.00	—	0.02	0.00	0.03	0.27
CLOWN R.D.	19.67	0.67	10.7	0.00	—	0.05	0.00	0.03	0.17

### Laboratory Facilities.

No changes or developments have been made in connection with laboratory facilities. The number of types of specimens dealt with by the County Laboratories were as follows :—

#### Enterica :—

				Pos.	Neg.
Typhoid, Para-Typhoid A & B			...	—	—
Gaertner, Dysentery, etc.			...	—	—
Diphtheria	...	...	...	4	52
Phthisis	...	...	...	4	13
Water	...	...	...	—	—

#### Milk :

T.B. Inoculation sent from Ministry Agriculture	...	...	...	—	—
T. B. Inoculation, Routine Samples				—	6
Methylene Blue Test, Routine Samples				3	8
Bacillus Coli, Routine Samples			...	5	6
Bacterial Count, Rountine Samples				—	5
Miscellaneous	...	...	...	2	13
				—	—
				Totals	18 103
				—	—

## SANITARY CIRCUMSTANCES OF THE AREA.

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### **Water.**

The Manton Colliery water continues to give satisfaction, the supply is abundant and the quality good, although it has 18 degrees of hardness.

Over 95 per cent. of the houses in the four Parishes have a piped supply, but the position of some of the farms is not so satisfactory, they rely chiefly upon wells and, owing to the continual dry weather, have suffered from an acute shortage.

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### **Drainage and Sewarage.**

No new sewers have been laid.

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### **Closet Conversions.**

None have been carried out.

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### **Eradication of Bed Bugs.**

Number of houses disinfected :—

a. Council Houses	...	Nil.
b. Other Houses	...	7

## HOUSING.

The continued shortage of building operatives makes it extremely difficult to secure the execution of housing repairs other than urgent defects such as leaking roofs, very damp walls and leaking and defective drains, etc.

The Slum Clearance Programme was practically completed in 1938, in all 120 houses were dealt with in the Clowne Rural District. The majority of the properties were at Whitwell and Barlborough. There are still a few houses which require attention, chiefly in the vicinity of West Lea and John Street, Clowne.

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## INSPECTION AND SUPERVISION OF FOOD.

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### **Milk Supply.**

There are 74 cowsheds, dairies and milkshops, and 97 visits were paid by the Sanitary Inspector and his staff.

In the early part of the year, as the result of an investigation into the cause of a case of Undulant Fever in an adjoining district, it was discovered that milk from a farm in your area contained the germs of bacillus abortus. The farmer concerned was most helpful and arranged to have his milk pasteurised until the herd had been examined by a veterinary surgeon and the source of the infection traced.

### **Meat Supply.**

Careful attention has been paid during the year to the conditions under which meat and other foods are stored and prepared for sale. Chesterfield Municipal Abattoir continues to be used as the regional slaughterhouse.

Cases of Infectious Disease notified during the year 1943.

II

Notifiable Disease	Number of Cases notified.										Total Cases notified in each Parish of the District.						Total Deaths to Hospital to Cases removed				
	At Ages—years										Whitwell										
	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	65 & Upwards	Creswell	Clowen	Barnborough	Barlborough	Cheswell	Clowen	Whitwell	
Small-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cholera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Plague	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria	...	9	...	...	...	...	3	...	3	...	3	...	2	...	1	...	3	...	3	...	1
Erysipelas	...	9	...	...	...	3	...	1	...	1	...	1	...	1	...	2	...	5	...	5	...
Scarlet Fever	...	154	2	4	7	13	78	31	11	8	...	...	16	47	21	70	142	...	...	...	...
Malaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Encephalitis Lethargica	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Pyrexia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ophthalmia Neonatorum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Poliomyelitis	1	1	...	...	...	...	...	1	1	1	1	1	1	1	1	1	5	7	1	...	3
Pulmonary Tuberculosis	14	1	1	...	...	2	...	1	1	1	1	1	1	1	1	1	2	...	4	...	3
Other forms of Tuberculosis	7	1	1	...	...	3	...	1	2	2	2	2	1	1	1	5	9	...	2	...	6
Pneumonia	16	1	1	...	1	3	1	1	1	1	1	1	1	1	1	1	2	...	3	...	3
Cerebro-spinal Fever	3	...	...	...	...	1	...	1	1	1	1	1	1	1	1	1	1	1	1	...	1
Dysentery	...	1	...	...	...	1	...	1	1	1	1	1	1	1	1	1	1	1	1	...	1
Measles	738	39	61	92	72	81	343	40	3	7	...	...	...	...	...	68	239	290	141	...	1
Whooping Cough	22	3	3	4	2	1	9	...	...	...	...	...	...	...	...	2	1	3	16	...	...
Totals	...	42	70	100	84	97	441	73	22	28	6	8	3	94	308	330	242	154	14	...	

## PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

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### Diphtheria.

9 Cases were notified and all were removed to Hospital.  
Only 3 were of school age.

The following table gives the number of cases notified since 1937.

Year.		No. of cases.
1937	..	33
1938	...	23
1939	...	20
1940	...	57
1941	...	57
1942	...	10
1943	...	9

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### Immunisation.

The percentage of children immunised at the end of 1943 was toddlers 43, and school children 84, compared with 47 and 74 at the end of December 1942. The total percentage of all children in this area who have received the two injections is 64. Strenuous efforts have been made to obtain signed consent forms from parents of children under 5 years of age and with regard to the school children practically all the parents who are willing to have their children immunised have signed the necessary consent form, the small number left are very definitely against the scheme and persuasion with this type of individual is of little avail.

**Scarlet Fever.**

154 Cases were notified, 122 of which were of school age. The disease was of a very mild type and some of the children were hardly ill and attended school almost up to the appearance of a rash. There were no deaths.

Scarlet Fever nowadays is mild in type, and if there is adequate isolation and nursing facilities, etc., the patient may be kept at home.

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**Dysentery.**

One case of Sonnes dysentery was notified in the Parish of Clowne.

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**Cerebral Spinal Meningitis.**

5 Suspected cases were sent to hospital, but in only three was the disease confirmed. There were no deaths.

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**Measles and Whooping Cough.**

738 Cases of Measles and 22 of Whooping Cough were notified. There was one death from Measles.

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**Poliomyelitis.**

One notification was received from Barlborough. This was a mild case and a complete recovery was made.

### Tuberculosis.

The following table gives particulars of new cases of tuberculosis and of all deaths from this disease during the year :—

Age Periods	NEW CASES				DEATHS			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0	...	...						
1	...	...	1		1		2	
5	...	...	2		1	2		
10	...	...						
15	...	...	1			1		
20	...	...				1		
25	...	...	3	2				
35	...	...	2	1		1		
45	...	...	2				2	
55	...	...					1	
65 and upwards								
Totals	...	11	3	2	5	3	2	1

The phthisis death-rate is .33 per 1,000 of the population.

## ANNUAL REPORT OF SANITARY INSPECTOR.

Name of Inspector, W. J. Gallagher.

Area of district, 13,436 acres.

Estimated No. of Houses, 4,961.

New houses erected 1943 : (a) By Local Authority—Nil.

(b) By private enterprise—Nil.

Number of Inspections made by Sanitary Inspector.	Number of Informal Notices served by Sanitary Inspector.	Number of Legal Notices served by Local Authority.	Number of Nuisances abated with or without Notice.
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### CLOSETS AND ASHPITS :

Defective privies, pail closets & ash pits (not for conversion)	201	130	—	164
Conversion of privies into w.c's	—	—	—	—
Conversion of pail closets into w.c's	...     ...	4	2	2
Conversion of privies into pail closets	...     ...	—	—	—
Defective water closets	...	31	31	31
Provision of additional water closets	...     ...	—	—	—
Provision of portable ashbins	97	97	—	97
Dirty closets	...     ...	3	3	3

### DRAINAGE :

No disconnection of waste pipe	—	—	—	—
Defective waste pipe, traps, inlets and drains	...     ...	42	31	31
Drains obstructed	...     ...	114	93	93

### OTHER DEFECTS :

Paving of courts and yards	...	—	—	—
Roofs, eaves spouts and down spouts	...     ...	51	34	34
Sinks	...     ...	7	4	4
Insufficient ventilation	...	—	—	—

			Number of Inspections made by Sanitary Inspector	Number of Informal Notices served by Sanitary Inspector	Number of Legal Notices served by Local Authority	Number of Nuisances abated with or without Notice.
<b>OTHER DEFECTS—Continued.</b>						
Windows	...	...	48	33	—	33
Dampness	...	...	29	17	—	12
Water in cellars	...	...	—	—	—	—
Water supply	...	...	6	2	—	—
Over-crowding	...	...	—	—	—	—
Foul condition of houses	...	—	—	—	—	—
Offensive accumulations	...	—	—	—	—	—
Animals improperly kept	...	—	—	—	—	—
Pigsties	...	...	7	4	—	4
Smoke Nuisances	...	—	—	—	—	—
Urinals	...	...	4	1	—	1
Nuisances not specified above	—	—	—	—	—	—
Totals	...	644	482	—	—	509

		Number on Register	Inspections made	Notices served	Nuisances abated with or without Notice
Dairies, Cowsheds and Milkshops	74	97	—	—	—
Bakehouses	...	5	17	—	—
Slaughter-houses	...	1	249	—	—
Offensive Trades	...	—	—	—	—
Common Lodging-houses	...	—	—	—	—
Totals	...	80	363	—	—

W. J. GALLAGHER,  
Sanitary Inspector.



